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COLLECTIVE INDEX

OF THE

JOURNAL

OF THE

Society of Chemical Industry

611

FROM

1882 to 1895.

~~~~~  
VOLUMES I. TO XIV.  
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COMPILED BY

F. W. RENAUT.

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# P R E F A C E.

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THIS General Collective Index extends from Volume I., which includes the First Proceedings of the Society in 1881, to Volume XIV.

It has been compiled by Mr. F. W. RENAULT, and the revision of this necessarily complex and arduous work has been carried out by a committee consisting of—

Messrs. B. E. R. NEWLANDS,

W. F. REID,

WATSON SMITH,

W. THORP.

In a work of this kind such revision, together with the frequent consultations and verifications involved, is of essential importance; but, whilst considerable delay may seem to have occurred, it is hoped that the time spent has been amply justified by the result attained.

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# TABLE OF ERRATA.

| Page. | Column. | Line.                       | Description.                                                                                                                          |
|-------|---------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 9     | 1       | 26 from bottom              | After page 184, insert " (iii, 1884) 166."                                                                                            |
| 19    | 2       | 11 "                        | For " Bohm " read " Bohme," and transfer overleaf under " Bohme."                                                                     |
| 21    | 1       | 22 "                        | Insert " Bosse and Witt, Otto N. " <i>Die Chemische Industrie auf der Columbischen Weltausstellung zu Chicago.</i> (xiii, 1894) 708." |
| 22    | 2       | Bottom line                 | For " Brand, H. O." read " Band, H. O.," and transfer to page 10.                                                                     |
| 23    | 1       | 15 from bottom              | For " Coal Juice " read " Cane Juice."                                                                                                |
| 26    | 1       | 1 "                         | Insert " Bucha. " <i>Hæmatoxylin and Brazilin.</i> (iii, 1884) 628."                                                                  |
| 29    | 2       | 27 from top                 | For " 896 " read " 986."                                                                                                              |
| 42    | 2       | 31 "                        | Insert " <i>See also under</i> Gasparin, M. P. de. 63."                                                                               |
| 59    | 2       | 20 "                        | After " (iv, 1885) 245," add " 418."                                                                                                  |
| 62    | 2       | 7 from bottom               | For " Galvalowski " read " Gawalowski," and transfer to page 64.                                                                      |
| 63    | 1       | 8 from top                  | For " Gantner, F." read " Gantter, F.," and transfer to follow line 33.                                                               |
| 63    | 1       | 34 "                        | Add, after " (viii, 1890) 1015," " (ix, 1890) 260, 1157."                                                                             |
| 64    | 1       | 14 "                        | For " Saulville " read " Snaville."                                                                                                   |
| 79    | 1       | 36 from bottom              | Add, after " (iii, 1884) 438," " (iv, 1885) 378."                                                                                     |
| 80    | 1       | 14 from top                 | For " Hensler, F." read " Hensler, F.," and transfer to follow line 20 from bottom, col. 2, page 81.                                  |
| 86    | 1       | 27 from bottom              | Insert " Houdes. " <i>Colchicine.</i> (iii, 1884) 530."                                                                               |
| 90    | 2       | 29 "                        | For " (xi, 1891) " read " (x, 1891)."                                                                                                 |
| 91    | 2       | 11 "                        | Add, after " <i>Industry.</i> ," " (ii, 1883) 363."                                                                                   |
| 93    | 2       | 13 "                        | For " Jurisch " read " Jurisch."                                                                                                      |
| 93    | 2       | 8 "                         | Add " <i>Die Fabrikation von Chlorsaurem Kali und anderen Chloraten.</i> (vii, 1888) 460."                                            |
| 98    | 2       | 25 from top                 | For " Knoblauch " read " Knublauch, O.," and transfer the reference to page 99, col. 1, line 7 from top.                              |
| 105   | 1       | 12 from bottom              | Insert " Lauer. " <i>Blasting under Water.</i> (iii, 1884) 192."                                                                      |
| 119   | 1       | 32 from top                 | For " Malay, R." read " Maly, R.," and transfer to follow line 19 from bottom.                                                        |
| 124   | 1       | 14 from bottom              | For " Meyer, E." read " Meyer, E. von."                                                                                               |
| 125   | 1       | 8 from top                  | For " Meygang, C.," read " Weygang, C.," and transfer to page 193, to follow line 43 from top, col. 2.                                |
| 126   | 2       | 4 "                         | Add " <i>Gold, Separation of, with Br and H Br.</i> (P) (iv, 1885) 405."                                                              |
| 134   | 1       | 20 "                        | Transfer " <i>Researches on Explosives.</i> " to follow line 28 lower.                                                                |
| 134   | 1       | 28 "                        | For " Noble, Capt." read " Noble, Capt. Sir A."                                                                                       |
| 137   | 2       | 37 "                        | After page 228, add " , 317."                                                                                                         |
| 140   | 1       | 30 "                        | Add " <i>See also under</i> Palangie and Bedu."                                                                                       |
| 141   | 2       | 13 from bottom              | For " Moller " read " Moller."                                                                                                        |
| 149   | 1       | 36 "                        | For " Reinhardt " read " Reihardt," and transfer to follow line 18 below.                                                             |
| 157   | 2       | 31 "                        | For " <i>See</i> Gaulville," &c., read " <i>Blasting Material, Manufacture of.</i> "                                                  |
| 157   | 2       | 32 "                        | After page 118, add " (iii, 1884) 190."                                                                                               |
| 169   | 2       | 26 from top                 | After page 9, add " , 64."                                                                                                            |
| 170   | 2       | 24 from bottom              | For " Société Lafarge " read " Société Lafarge."                                                                                      |
| 171   | 1       | 14 "                        | For " Soler, J." read " Soler y Vila, J."                                                                                             |
| 172   | 1       | 17 "                        | After this line, insert " Spennrath, J. Wool, Use of Unsaponifiable Oils for Greasing. (xiv, 1895) 362."                              |
| 185   | 2       | Bottom line                 | For " Vibraus-Calvorde " read " Vibraus-Calvörde."                                                                                    |
| 187   | 2       | 25 from top                 | After this line, insert " Von Meyer, E. <i>See under</i> Meyer, E."                                                                   |
| 187   | 2       | 46 "                        | For " Vortman " read " Vortmann."                                                                                                     |
| 193   | 2       | 43 "                        | After this line, add transfer from page 125, col. 1, line 8 from top.                                                                 |
| 195   | 1       | Top line                    | For " Smelting " read " Melting."                                                                                                     |
| 199   | 2       | 8 from bottom               | For " Yettel, W." read " Jettel, W.," and transfer to page 91, col. 2, line 11 from bottom.                                           |
| 247   | 2       | 21 "                        | After page 128, insert " , 352."                                                                                                      |
| 295   | 2       | Bottom line                 | After page 48, add " , 277."                                                                                                          |
| 295   | 2       | 43 and 44 from bottom       | To be combined.                                                                                                                       |
| 320   | 1       | 21 from top                 | After this line, insert—<br>" Kinetite " ;<br>(Smith.) (vi, 1887) 2.<br>" Experiments with. (iv, 1885) 509."                          |
| 333   | 1       | 44 from bottom              | After this line, insert " Apparatus for De-gumming Fibres from. (P) Burrows and Radclyffe. (xiv, 1895) 964."                          |
| 355   | 2       | 39 and 40 from bottom       | To be combined.                                                                                                                       |
| 362   | 1       | 35 from bottom              | After this line, add " Homopiperidinic Acid and Piperidinic Acid, Synthesis of. (Gabriel.) (ix, 1890) 961."                           |
| 367   | 1       | 23 "                        | After this line, insert " <i>See also under</i> Quinol."                                                                              |
| 375   | 1       | 28 "                        | After page 276, add " , 352."                                                                                                         |
| 392   | 2       | 16 from top                 | After " <i>Titration</i> " add " (Lenoble.) "                                                                                         |
| 435   | 2       | 8, 9, and 10 from bottom.   | To be combined.                                                                                                                       |
| 449   | 1       | 34 from bottom              | After page 128, add " , 352."                                                                                                         |
| 465   | 1       | 1, 5, 8, and 9 from bottom. | For " Answers " read " Auwers."                                                                                                       |

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The titles of books are given in quotation marks.

The figures in brackets refer to volume numbers (Roman) and year of publication (Arabic).

#### LIST OF ABBREVIATIONS.

|               |                     |               |                     |              |                     |
|---------------|---------------------|---------------|---------------------|--------------|---------------------|
| App. ....     | Apparatus           | Extract. .... | Extraction,ing      | Prep. ....   | Preparation         |
| Applic. ....  | Application,able    | Ferment. .... | Fermentation,ing    | Prev. ....   | Prevention,ing      |
| Artif. ....   | Artificial          | Formn. ....   | Formation           | Prod. ....   | Produce,tion,ing    |
| Atmos. ....   | Atmospheric,sphere  | Gen. ....     | Generation,ing      | Protec. .... | Protection,ing      |
| Aurif. ....   | Auriferous          | Inpt. ....    | Improvement,s       | Purif. ....  | Purification,tying  |
| Charac. ....  | Character,istic,s   | Infl. ....    | Influence           | Qual. ....   | Quality,tative      |
| Chem. ....    | Chemical,s,istry    | Manuf. ....   | Manufacture,ing     | Quant. ....  | Quantity,tative     |
| Co. ....      | Company             | Mat. ....     | Matter,s            | Rectif. .... | Rectification,tying |
| Col. ....     | Colour,s,ation,ing  | Min. ....     | Mineral,s           | Separ. ....  | Separation,ing      |
| Comp. ....    | Composition,pound,s | Modif. ....   | Modification,tying  | Soc. ....    | Society,Societe     |
| Concent. .... | Concentration,ing   | Nat. ....     | Natural             | Sp. Gr. .... | Specific Gravity    |
| Decomp. ....  | Decompose,ition,ing | Org. ....     | Organic,ism,s       | Temp. ....   | Temperatures,s      |
| Detec. ....   | Detection,ing       | Photo. ....   | Photography,graph,s | Util. ....   | Utilisation,ing     |
| Determ. ....  | Determine,ation,ing | Physiol. .... | Physiology,ical     | Veg. ....    | Vegetable,s,tion    |
| Distill. .... | Distillate,tion,ing | Ppn. ....     | Precipitation       | Volum. ....  | Volumetric          |
| Estim. ....   | Estimate,tion,ing   |               |                     | Vorm. ....   | Vormals             |
| Evap. ....    | Evapor,e,tion,ing   |               |                     |              |                     |
| Exam. ....    | Examine,ation,ing   |               |                     |              |                     |
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| Manufacture of Carbonates of, and Acetone. (P) Frerichs. (ix, 1890).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1130     |
| Manufacture of Caustic:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |
| (P) Bott. (xii, 1893).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 42       |
| (P) Hulin. (xiv, 1895).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 968, 968 |
| (P) Lederer. (xii, 1893).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 518      |
| (P) Wise. From Ludwig. (vi, 1887).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 438      |
| Manufacture of Chlorates of the. (P) Gall and Monthaur. (vii, 1888).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 327      |
| Manuf. of Hydrates of the. (P) Romiquière. (viii, 1889).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 779      |
| Manufacture of Hyposulphite of. (P) Moody. (iii, 1884).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 30       |
| Manufacture of Peroxides of. (P) Mond. (ii, 1883).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 133, 138 |
| Manufacture of Sulphates of. (P) Condy. (v, 1886).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 324      |
| Manuf. of Sulphides of the. (P) Peitzsch. (xiv, 1895).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 484      |
| Minimum E.M.F. required for Electrolysis of Dissolved Salts of. (Nourisson.) (xiii, 1894).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 742      |
| Potassium Bichromate as a Standard for Caustic. (Richter.) (i, 1882).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 246      |
| Preparation of Sulphites of. (P) Kudelski. (iii, 1884).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 108      |
| Preparation of Tetrathionates of. (Klobukow.) (iv, 1885).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 593      |
| Preparing Nitrites of the. (Le Roy.) (vii, 1889).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 983      |
| Presence of Boracic Acid in Caustic. (Venable and Callison.) (ix, 1890).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 968      |
| Production of, by Electrolysis:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |
| (P) Faure. (xii, 1893).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 156      |
| (P) Kellner. (xi, 1892).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 755      |
| Production of Chlorates of, by Electrolysis. (P) Gibbs and Franchot. (xii, 1893).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 527      |
| Production of Cyanides of. (P) Haddan. From Lambilly. (xi, 1892).....                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1006     |

| Alkaloids—cont.                                                                                         | PAGE                                                                 |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                        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| Production of "Cyanurets and Cyanides" of. (P) Johnson. From Alder. (i, 1882).....                      | 365                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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| Production of Monocarbonates from Bicarbonates of. (P) Gossage. (xi, 1892).....                         | 907                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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| Separation of Caustic, from Liquors. (P) Wise. From Solvay and Co. (xiv, 1895).....                     | 730                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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| Solubility of Quinine in. (Dourner and Deraux.) (xiv, 1895).....                                        | 819                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                          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| Test for Caustic. (Brunner.) (viii, 1889).....                                                          | 829                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                       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| Treatment of Residual Salts in Manufacture of Caustic. (P) Healey, Pryde, and Swin. (iv, 1885).....     | 117                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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| Two New Indicators in Determination of Caustic. (Engel and Ville.) (iv, 1885).....                      | 532                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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| Utilisation of Lime and Baryta Sulphate in Manufacture of. (P) Parnell and Simpson. (vii, 1888).....    | 323                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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| Vessels for Boiling and Evap. (P) Townsend. (viii, 1889).....                                           | 780                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| Alkalimetric Indicators. Orange 3 and Methyl Orange as. (Engel.) (v, 1885).....                         | 437                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| Alkalimetry, Borax the Basis of. (Rimbach.) (xii, 1893).....                                            | 496                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| Dimethylamido-azobenzene as an Indicator in. (Fischer and Philipp.) (iv, 1885).....                     | 510                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| Errors in. (Dobner.) (xiv, 1895).....                                                                   | 821                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                               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| Indicators for Use in:.....                                                                             |                                                                      |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                        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| (Engel.) (v, 1885).....                                                                                 | 836                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                   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| (Gawalowski.) (iv, 1885).....                                                                           | 137                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                        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| Potassium Hydrogen Tartrate as a Starting Point for. (Borntrager.) (xi, 1892).....                      | 776                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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| With Phenolphthalein as an Indicator. (Warder.) (i, 1882).....                                          | 202                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                          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| Alkaline Bases, Action of, on Solubility of Alkaline Salts. (Engel.) (x, 1891).....                     | 836                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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| Bicarbonates, Determination of, in Presence of Normal Carbonates. (Lunge.) (i, 1882).....               | 57                                                                   |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| Carbonates, Decomp. of Silicates by. (Stolba.) (v, 1886).....                                           | 11                                                                   |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                         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| Carbonates, Manufacture of, and Apparatus therefor. (P) Haddock and Leith. (x, 1891).....               | 641                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| Earths, Characteristics of. (Bruehlmann.) (ix, 1890).....                                               | 706                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| Earths, Utilisation of Sulphides and Sulphhydrates of. (P) Loesner. (xiv, 1895).....                    | 1043                                                                 |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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| Lays, Purif. of. (P) Carey, Gaskell, and Hurter. (i, 1882).....                                         | 150                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| Permanganate, Estimation of Glycerin by. (Johnstone.) (x, 1891).....                                    | 203                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| Salts, Electrolytic Decomp. of. (P) Castner. (xii, 1893).....                                           | 768                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| Salts, Estimation of, in Manures. (Cameron.) (xv, 1895).....                                            | 1065                                                                 |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| Salts, Prod. of, from Molasses, &c. (P) Meyer. (viii, 1889).....                                        | 128                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                         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| Silicates, Apparatus for Manufacture of. (P) Folic-Desjardins. (x, 1891).....                           | 642                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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| Silicates, Obtaining, from Sulphates, and Apparatus therefor. (P) Thompson, From Werren. (v, 1886)..... | 33                                                                   |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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| Solutions, Purification of. (P) Carey, Gaskell, and Hurter. (i, 1882).....                              | 26, 26                                                               |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| Solutions, Treatment of Sulphides in, by Electrolysis. (P) Deacon, Hurter, and Elmore. (v, 1886).....   | 99                                                                   |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 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| Sulphides, Formation of. (T.R.) Berthelot. (ix, 1890).....                                              | 674                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                     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| Alkaloid, A New Quinine. (Whiffen.) (i, 1882).....                                                      | 117                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                              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| A New Cinchona. (Howard and Hodgkin.) (i, 1882).....                                                    | 31                                                                   |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                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| From Conium Maculatum. (Ladenburg and Adam.) (x, 1891).....                                             | 848                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| From Japanese Coca Leaves, A New. (Giesel.) (xi, 1892).....                                             | 177                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| From Seeds of Conium Maculatum, New. (Merck.) (x, 1891).....                                            | 481                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| From Tulipa Gesneriana. (Nicot.) (vi, 1887).....                                                        | 351                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                           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| "Imperialine" : A New. (Fragner.) (viii, 1889).....                                                     | 132                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                            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| In Bark of Cinchona Unprea. (Paul and Cowdley.) (i, 1882).....                                          | 117                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                          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| In Cinchona Bark, A New. (Arnold.) (i, 1882).....                                                       | 39                                                                   |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                             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| In Coca Leaves, Estimation of. (viii, 1889).....                                                        | 574                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                         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| In Solanum Grandiflorum, A New. (Freire.) (vii, 1888).....                                              | 227                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                    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| In the Box-Tree, Discovery of a Fourth. (Barbaglia.) (iv, 1885).....                                    | 243                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                               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| Of Hops: Hopene. (Williamson.) (v, 1886).....                                                           | 173                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                         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(vi, 1887).....                                                                | 675                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                   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| Of Japanese Coca Leaves. (Liebermann.) (x, 1891).....                                                   | 914                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                 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| Quantity of, in Herbene Extract. (Itallie.) (viii, 1889).....                                           | 220                                                                  |                                                              |                                                                        |                                                                           |                                                                            |                                                                             |                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| Removing the Bitter, from Lupins, by Soltien's and Keller's Methods. (Kuhn.) 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## Chemistry. Application of Nitro-Compounds in Analytical.

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